Land and Lakes Co.

123 N. NORTHWEST HIGHWAY (312) 825-5000

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P. O. BOX 778 PARK RIDGE, ILLINOIS 60068

RECEIVED

OCT 27 1982

E.P.A. — D.L.P.C. STATE OF ILLINOIS

October 25, 1982

Ms. Sallie Smith
Illinois Environmental Protection Agency
Division of Land Pollution Control
2200 Churchill Road
Springfield, Illinois 62706

Re: 19780303 - Will County Lemont/Land and Lakes

Dear Ms. Smith:

This letter is written in regard to our phone conversation of October 20, regarding the groundwater monitoring program at the Lemont/Land and Lakes facility. In accordance with Supplemental Permit No. 1982-115, Special Condition No. 3, the following information is submitted.

The enclosed table and plan sheet will clarify the monitoring well designation system. I apologize for the confusion which has resulted from the present numbering sequence.

I have asked Mr. Don Gipple, President of Gulf Coast Laboratory, to utilize the numbering system indicated on the enclosed plan sheet for future analyses reports. Land and Lakes Company will also use this designation sequence for future referencing. Hopefully this will end all ambiguity regarding this issue.

The direction of groundwater flow may be referenced by consulting the enclosed plan sheet prepared by Charles W. Greengard and Associates. The flow is from northwest to southeast. Therefore, the up gradient wells are B-1B and B-2B. The down gradient wells are P-3, P-4, B-9, and B-9A.

EPA Region 5 Records Ctr.

Continued . .

Ms. Sallie Smith Page Two
Illinois Environmental Protection Agency October 25, 1982

I hope this information is complete so that an appropriate monitoring program may be established. If you have any future questions, feel free to contact me.

Very truly yours,

LAND AND LAKES COMPANY

Robert M. Murphy Civil Engineer

RMM: dmk

Enclosures

cc: Mr. Don Gipple, President Gulf Coast Laboratory



WILL COUNTY

LEMONT/LAND AND LAKES

MONITORING WELL DESIGNATIONS

Well Location	Surface Elevation USGS Datum	Deep or Shallow	Plan * Designation	IL Drilling & Testing Co. Designation	Gulf Coast Laboratory Designation
Northwest	687.5'		B-1B	B1-B	B-1B
Northeast	660.8'		B-2B	B-2-2B	B-2B
Southwest	602.0'	shallow	P-3	P-3	B-8R
Southwest	602.0'	deep	P-4	P-4	B-8AR
Southeast	592.4'	deep	B - 9		B - 9
Southeast	592.6'	shallow	B-9A		B-9A

^{*} Plan sheet 2 of 5 prepared by Charles W. Greengard dated 8/10/73 and revised on 2/10/76 and 9/20/82.

GULF COAST LABORATORIES, INC. 2017 Band St., Port Four & South, Ill. 20 00018 Phones (312) 534-5200 (210) 505-7077 (015) 721

ARALYTICAL BEPORT

TO: Land and Lakes Company 123 North Northwest Highway P. O. Box 778 Park Ridge, Illinois 60068

ATTN: Mr. Bob Murphy

Donald Light

DATE: November 5, 1982

RE: Monitoring Well Analysis

GCL# 33096 B-1B

Sample Date: 10/25/82 Stick-up 32" Water 70'4" Depth 86-6"

PARAMETERS	DDGUI MG		
PARAMETERS	RESULTS		
рН	10.5		
Alkalinity	720	mg/l	
Aluminum	< 1.0	mg/l	
Arsenic	< 0.005	mg/l	
Boron	0.4	mg/l	
Cadmium	< 0.001	mg/l	
Calcium	150	mg/l	
Chloride	95	mg/l	
Chromium, Hexavalent	< 0.005	mg/l	
Chromium, Trivalent	< 0.005	mg/l	RECEIVED
COD	42	mg/l	NOV 22 1982
Copper	< 0.05	mg/l	E.P.A. — D.L.P.C.
Cyanides	< 0.02	mg/l	STATE OF ILLINOIS
Fluoride	0.21	mg/l	
Hardness	810	mg/l	
Iron, Dissolved	< 0.05	mg/l	10 1982
Iron, Total	< 0.05	mg/l	
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(1·B)	

Time Collected: 110 A	Lab # 02637 DEC20
Date Collected: 12-9-82	SPECIAL ANALYSIS FORM Date Received 12 2 5 82
V 1 (\ 1	S ENVIRONMENTAL PROTECTION AGENCY
COUNTY: DIVISION	OF LAND/NOISE POLLUTION CONTROL FILE HEADING: / FILE NUMBER:
Will	Lemont/Land + Lake 1978 0303
SOURCE OF SAMPLE: (Exact Location	lon)
= 250 fee	t West of manhale
cover in	vortlem portion
PHYSICAL OBSERVATIONS, REMARKS:	
Toil	Sample
TESTS REQUESTED: EP +	oxic for:
As CA Co	DD- Ho Se
7,5, 90, 00,	12 4 119 3
COLLECTED BY:	TRANSPORTED BY: Gaig haby
	DATE DATE FEB -7. 1983
RECEIVED BY: July	DATE DATE FEB7. 1985 COMPLETED: FORWARDED:
As- <0,001	Daugherty
Cd - 0.05	<i>O O O</i>
Cr-0.02	mell
Pb- 1.35	
Ha - <0.00005	
50.001	RECEIVED
	FEB 8 1983
	E.P.A D.L.P.C.
	E.P.A. — D.L.I TO
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